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January 1965

PHOTOGRAPHIC INTERPRETATION REPORT

OAK PART II
MISSION 4015
24-27 JANUARY 1965



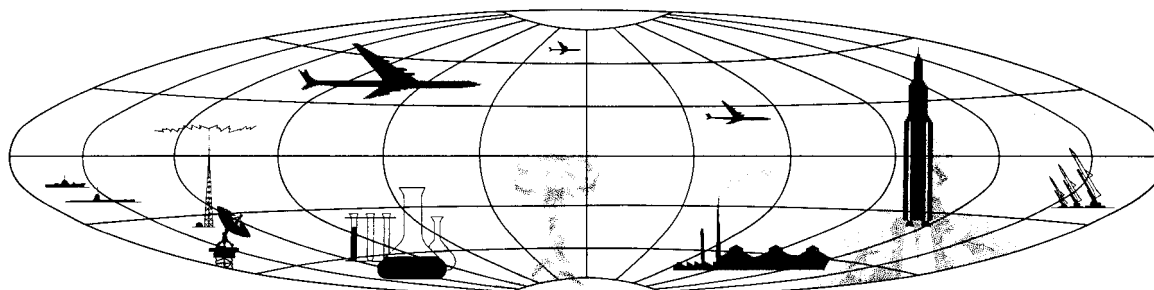
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MISSION 4015, 24-27 JANUARY 1965

OAK PART II

MISSION 4015

PREFACE

THIS IS THE SECOND OF 3 OR MORE OAK REPORTS ON MISSION 4015 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. ABSENCE OF THESE LETTERS INDICATES THAT THESE ARE FRAME AND INDEX NUMBERS. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMI DARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERAL DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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Highlights

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HIGHLIGHTS

1. IECAVA MRBM LAUNCH SITE 1

AN EXERCISE IS BEING CONDUCTED ON 1 OF THE LAUNCH PADS. A PROBABLE TRANSPORTER AND ERECTOR AND SEVERAL UNIDENTIFIED VEHICLES ARE VISIBLE.

2. ROZHDESTVENKA MRBM LAUNCH SITE

ALL STRUCTURES AT THE SITE APPEAR DISUSED AND IRREGULAR IN OUTLINE AND 1 STRUCTURE IS EITHER BADLY DETERIORATED OR PARTIALLY REMOVED. THREE BUILDINGS HAVE BEEN REMOVED SINCE

3. KUYBYSHEV AIRFRAME PLANT STALIN 1

HIGH BAY BUILDING IS NOW COMPLETE AND MEASURES APPROXIMATELY 190 FT IN HEIGHT. SEVERAL UNUSUALLY LONG RAIL CARS ARE OBSERVED.

4. PETROVKA SHIPYARD

SUBMARINES OBSERVED INCLUDE 1 E-II-CLASS SSGN WITH 8 LAUNCHERS ELEVATED, 2 E-I-CLASS SSGN, 1 E-TYPE SSGN AT LEAST 380 FT LOA WITH 6 LAUNCHERS ELEVATED, 3 W-CLASS SS, AND 1 W (CANVAS-BAG)-CLASS SSR.

5. SEMIPALATINSK, NUC WPNS PROVING GROUND

THE DARK-TONED SUSPECT TEST AREA, FIRST IDENTIFIED ON MISSION IS NOW CONFIRMED AS A NEW TEST AREA WITH A CRATER HAVING AN AVERAGE DIAMETER OF 1,750 FT. IT IS LOCATED AT 49-55-50N 078-59-40E (PLUS OR MINUS 20 SECONDS). THE AREA SURROUNDING THE CRATER HAS BEEN SEVERELY RUPTURED AND THE SHAGAN RIVER HAS BEEN DAMMED AND RESIDUAL HEAT HAS MELTED MUCH OF THE SNOW WITHIN THE CRATER.

STATUS OF COMOR TARGET READOUT

SIXTY-FIVE COMOR TARGET WERE OBSERVED IN THE OAK REPORTING PERIOD AND ARE COVERED IN THIS OAK.

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MISSILES

LYALICHI MRBM LAUNCH SITE UR 4402N 13226E

NO SIGNIFICANT CHANGE IN FACILITIES SINCE
OR IN PREVIOUSLY
DETERMINED MENSURATION. PROBABLE LAUNCH STANDS
ARE VISIBLE AT THE 2 WESTERN PADS WITH A
PROBABLE ERECTOR ON THE WESTERNMOST PAD. AT LEAST
35 VEHICLES OF VARIOUS TYPES OBSERVED THROUGHOUT
THE AREA. SNOW CLEARANCE IS APPARENT AT 2 PADS.

IECAVA MRBM LAUNCH SITE 1 UR 5635N 02403E

DETAILS AND DIMENSIONS OF THE LAUNCH AREA REMAIN
UNCHANGED SINCE

AN EXERCISE IS BEING CONDUCTED ON 1 OF THE LAUNCH
PADS. A PROBABLE TRANSPORTER AND ERECTOR ARE
PRESENT. SEVERAL OTHER UNIDENTIFIED VEHICLES AND
OBJECTS ARE ALSO PRESENT BUT HAZE AND SNOW PRECLUDE
FURTHER INTERPRETATION. NO ERECTORS OR VEHICLES
ARE PRESENT ON THE OTHER 3 LAUNCH PADS. A POSSIBLE
TRANSPORTER OR ERECTOR IS ON THE ROAD NEAR 1 OF
THE MISSILE-READY BUILDINGS.

APPROXIMATELY 2,000 FT NE OF THE LAUNCH SITE IS
AN HF COMMUNICATIONS FACILITY CONSISTING OF A
CONTROL BUNKER, SEVERAL SUPPORT BUILDINGS,
5 HORIZONTAL DIPOLE ANTENNAS, AND 1 UNIDENTIFIED
ANTENNA. THE FACILITY IS SECURED BY A SINGLE FENCE.

ROZHDESTVENKA MRBM LAUNCH SITE UR 4547N 13343E

SITE IS INACTIVE AND NO SNOW REMOVAL IS APPARENT.
ALL STRUCTURES AT THE SITE APPEAR DISUSED AND

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IRREGULAR IN OUTLINE AND THE 1 STRUCTURE TO THE REAR OF THE NORTHERNMOST PAD IS EITHER BADLY DETERIORATED OR PARTIALLY REMOVED. THREE UNIDENTIFIED BUILDINGS HAVE BEEN REMOVED SINCE [REDACTED] 1 FROM BEHIND THE NORTHERN INNER PAD AND 2 FROM THE TECHNICAL SECTION. SIXTY TENT BASES ARE APPROXIMATELY 1,000 FT WEST OF THE TECHNICAL SECTION. NUMEROUS PERSONNEL AND VEHICLE REVETMENTS ARE VISIBLE IN WOODED AREAS SURROUNDING THE SITE, HOWEVER, THESE MAY BE ASSOCIATED WITH THE EXTENSIVE MILITARY INSTALLATIONS IN AND NEAR IMAN.

(ATTACHMENT 1)

[REDACTED] ANASTASYEVKA FIXED FIELD MRBM SITE UR 4832N 13531E

NO APPARENT CHANGE AT FIELD SITE SINCE [REDACTED] AND NO CHANGE IN ESTABLISHED MENSURATION. NUMEROUS PROBABLE VEHICLE AND PERSONNEL REVETMENTS ARE LOCATED THROUGHOUT THE ENTIRE FIELD SITE AREA. REVETMENTS APPARENTLY CONSIST OF SHALLOW SCRAPINGS WITH THE EARTH MOUNDED ON THE EXPOSED FRONT. NO ERECTORS OR MISSILES OBSERVED IN FIELD SITE.

[REDACTED] KREMOVO MRBM LAUNCH SITE UR 4401N 13220E

NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED] OR IN PREVIOUSLY DETERMINED MENSURATION. THE SITE IS ACTIVE AND SNOW CLEARANCE HAS BEEN COMPLETED AT 1 PAD AND IS UNDERWAY AT ANOTHER. LAUNCH STANDS ARE LOCATED ON EACH PAD AND AN ERECTOR IS POSITIONED ON 1 PAD. AT LEAST 50 VEHICLES OBSERVED THROUGHOUT THE AREA.

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SARY-SHAGAN POSS INSTRUMENTATION SITE 15 UR 4722N 06725E

ONLY A PORTION OF THE SUPPORT AREA, THE AIRSTRIP,
AND THE INTERFEROMETER CAN BE IDENTIFIED THROUGH
HAZE AND CLOUDS.

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BRATSK POSSIBLE ELECTRONICS SITE UR 5642N 10116E

SITE CONSISTS OF 2 SECTIONS 0.5 NM APART IN A
WOODED AREA. THE LARGER SECTION CONSISTS OF A
LARGE CLEARING AND CONTAINS 3 POSSIBLE TOWERS,
5 LARGE BUILDINGS, 2 SMALL BUILDINGS, AND 3
EARTH MOUNDS OR POSSIBLE BUNKERS. THE SMALLER
SECTION CONSISTS OF A CLEARING WITH 1 SMALL
BUILDING. HAZE PRECLUDES FURTHER INTERPRETATION.

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UKA (KAMCHATKA PEN) HEN EGG UR 5756N 16201E

NO APPARENT CHANGE SINCE
FRESH SNOW AND HAZE PRECLUDE DETAILED INTERPRETATION.

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GORKIY ARMT PLT NOVOYE SORMOVO/STALIN 92 UR 5620N 04354E

AREA CONSISTS OF 3 LARGE ASSEMBLY BUILDINGS, A LARGE
FOUNDRY AND MACHINE SHOP, AND SEVERAL SMALLER
SUB-ASSEMBLY MACHINE SHOPS AND MISCELLANEOUS
BUILDINGS. NO PRODUCTION ITEMS OBSERVED WITHIN
THE PLANT AREA.

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KUYBYSHEV AIRFRAME PLANT STALIN 1 UR 5313N 05018E

HIGH BAY BUILDING PREVIOUSLY REPORTED AS UNDER
CONSTRUCTION IS NOW COMPLETE AND MEASURES
APPROXIMATELY 190 FT IN HEIGHT. SEVERAL UNUSUALLY

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LONG RAIL CARS ARE OBSERVED. FOUR SNOW-COVERED CARS, 3 OF WHICH MEASURE APPROXIMATELY 75 FEET AND ONE 80 FEET IN LENGTH, ARE BETWEEN THE HIGH BAY BUILDING AND THE LARGE FINAL ASSEMBLY BUILDING (ITEM 15A IN NPIC/R-341/64). SIX OTHER SNOW COVERED CARS (3 ARE 75 FT LONG, AND 3 ARE 65, 70, AND 80 FT LONG RESPECTIVELY) ARE NEAR THE SOUTH CORNER OF A BUILDING (ITEM 16).

(ATTACHMENT 2)

SARATOV AIRFRAME PLANT 292 UR 5130N 04557E

EXPANSION OF THE PLANT SINCE 1960 INCLUDES A LARGE SUB-ASSEMBLY BUILDING COMPLETED IN AN ADDITION TO A SUPPORT BUILDING IN MID 62, A SECTION COMPLETED BETWEEN 2 OLDER SUB-ASSEMBLY BUILDINGS, AND SEVERAL SMALL SUPPORT BUILDINGS. THE PLANT IS CONNECTED BY A TAXIWAY TO SARATOV SOUTH AIRFIELD. NO ENGINE TEST STANDS OBSERVED WITHIN LIMITS OF AVAILABLE PHOTOGRAPHIC COVERAGE.

AIRCRAFT AT AIRFIELD -- 1 CAB, 1 PROBABLE BEAGLE, 2 POSSIBLE FISHBED, AND 1 POSSIBLE FITTER. NUMEROUS RECTANGULAR CRATE-LIKE OBJECTS ARE POSITIONED ON THE AIRFIELD PARKING APRON. SIMILAR OBJECTS ARE VISIBLE IN THE SE SECTION OF THE PLANT.

KAMENSK-SHAKHTINSKIY STATIC TEST FAC UR 4819N 04016E

NINE ADDITIONAL BUILDINGS, 1 POSSIBLE LARGE HORIZONTAL TANK, A CONSTRUCTION AREA, AND SEVERAL SAFETY BUNKERS ARE VISIBLE ON GOOD QUALITY PHOTOGRAPHY. THE BUILDINGS AND TANK WERE PROBABLY PRESENT BUT NOT VISIBLE ON PREVIOUS SMALL SCALE PHOTOGRAPHY. TWO OF THE NEWLY OBSERVED BUILDINGS, IMMEDIATELY EAST OF THE OFFSET BUILDINGS, ARE LARGE AND APPEAR TO BE PROCESSING/PRODUCTION BUILDINGS.

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A LONG TRENCH, POSSIBLY FOR A STEAMLINE, RUNS PARALLEL TO THE OFFSET BUILDINGS. THE CONSTRUCTION AREA BETWEEN THE OFFSET BUILDINGS AND THE TEST CELL MAY BE FOUNDATION EXCAVATIONS FOR A LARGE BUILDING OR THE INITIAL STAGES OF A SECOND TEST CELL. THERE IS SOME DISCOLORATION ON THE PAD IN FRONT OF THE TEST CELL AND THE FACE OF THE BLAST DEFLECTOR IS SEVERELY ERODED, POSSIBLY AS A RESULT OF TEST FIRINGS.

(ATTACHMENT 3)

UST-UKHTA SUSP MISSILE PRODUCTION FAC UR 6334N 05342E

NO EVIDENCE OF MISSILE PRODUCTION OBSERVED IN VICINITY OF UST-UKHTA ON POOR QUALITY, SNOW-COVERED PHOTOGRAPHY.

CHIN-HSI CRUISE MISSILE LAUNCH SITE CH 4042N 12052E

SITE COVERED ON CLEAR NON-STEREO COVERAGE. ONE LAUNCH POSITION IS PROBABLY OCCUPIED. NO RADAR EQUIPMENT DISCERNIBLE. NO SIGNIFICANT CHANGES IN PERMANENT SUPPORT FACILITIES SINCE

APPROXIMATELY 25 VEHICLES/PIECES OF EQUIPMENT AND 6 POSSIBLE TRANSPORTERS ARE WITHIN THE MAIN SUPPORT AREA.

VELSK SUSPECT SSM AREA UR 6102N 04231E

NO SSM ACTIVITY OBSERVED ON CLEAR, SNOW-COVERED PHOTOGRAPHY AT OR IN THE IMMEDIATE VICINITY OF REFERENCED COORDINATES. THE ENTIRE AREA IS COVERED ON PHOTOGRAPHY AND CAN BE NEGATED.

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SEVERODVINSK NAVAL BASE AND SHIPYARD 402 UR 6434N 03949E

NO SIGNIFICANT CHANGE IN FACILITIES IN MAIN YARD AREA. THE AREA CONTAINING THE NEW FABRICATION BUILDING AND THE BUILDING WITH 8 CYLINDRICAL VERTICAL TANKS ON YAGRY ISLAND IS NOW SEPARATELY WALLED. THIS AREA IS NEARLY IDENTICAL TO AN AREA AT PETROVKA FOR FITTING OUT NUCLEAR SUBMARINES. ICE IN HARBOR AND BASIN IS BROKEN.

VESSELS -- 1 PROBABLE UNIDENTIFIED SS (340 FT MAXIMUM VISIBLE LENGTH) IN LAUNCH BASIN APPARENTLY EMERGING FROM COVERED BUILDING WAY, 2 E-CLASS SSGN, 1 PROBABLE E-CLASS SSGN, 1 POSSIBLE E-CLASS SSGN (IN FLOATING DOCK), 1 PROBABLE 330-FT UNIDENTIFIED SS, 2 POSSIBLE F/Z SS, 1 UNIDENTIFIED 360-FT SS (IN FLOATING DOCK AT YAGRY ISLAND), 1 PROBABLE N-II-CLASS SSN, 1 PROBABLE N-I-CLASS SSN, AND 1 POSSIBLE W/R-CLASS SS.

PETROVKA SHIPYARD UR 4307N 13220E

VESSELS -- 1 E-II-CLASS SSGN (8 LAUNCHERS ELEVATED) IN TRANSPORTER, 2 E-I-CLASS SSGN, 1 E-TYPE SSGN AT LEAST 380 FT LOA WITH 6 LAUNCHERS ELEVATED, 3 W-CLASS SS, 1 W (CANVAS BAG)-CLASS SSR, 1 SKORYY-CLASS DD, 1 PETYA-CLASS PCE, 3 SHIP TRANSPORTERS (1 OCCUPIED, 2 EMPTY), 2 FLOATING CRANES, 1 STRIPPED HULK, HARBOR CRAFT, AND 4 SURFACE VESSELS ON SHIPWAYS.

POSSIBLE FITTING OUT AREA UNDER CONSTRUCTION IN NORTH SECTOR OF HARBOR INCLUDES 2 WALLED ENCLOSURES, EACH CONTAINING 4 TANKS, 2 PROCESS OR TEST BUILDINGS, 1 LONG MULTISTORY BUILDING, 2 SHOPS (ALL IN A LATE STAGE OF CONSTRUCTION), FOUNDATIONS FOR 5 ADDITIONAL BUILDINGS AND QUAY UNDER CONSTRUCTION. ONE OF THE 2 WALLED ENCLOSURES (4 TANKS WITHIN A WALL) HAS BEEN ADDED SINCE THESE ENCLOSURES ARE SIMILAR TO AN ENCLOSURE UNDER

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CONSTRUCTION AT FITTING OUT AREA OF SEVERODVINSK
SHIPYARD 402 ALSO ENGAGED IN FITTING OUT NUCLEAR
SUBMARINES.

(ATTACHMENT 4)

DAHSHUR SAM TRAINING AREA EG 2948N 03111E

NO APPARENT CHANGE SINCE
NO EQUIPMENT OBSERVED.

PETROPAVLOVSK-KAMCHATSKIY SAM SITE B28A-2 UR 5302N 15818E

NO APPARENT CHANGE SINCE
NO SAM SUPPORT OR EQUIPMENT OBSERVED.

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**Air
Facilities**

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AIR FACILITIES

[REDACTED] FORT SHEVCHENKO AIRFIELD UR 4435N 05020E

RUNWAY IS SNOW COVERED. NO NEW CONSTRUCTION OBSERVED.

AIRCRAFT -- NONE OBSERVED.

[REDACTED] CHIANG-WAN AIRFIELD CH 3119N 12130E

NO APPARENT CHANGE IN FACILITIES SINCE MISSION

[REDACTED] NO RADAR OBSERVED.

AIRCRAFT -- 9 FAGOT/FRESCO.

[REDACTED] CHI-CHI-HA-ERH AIRFIELD SOUTH CH 4718N 12356E

NO APPARENT CHANGE IN FACILITIES OR NEW CONSTRUCTION
SINCE [REDACTED] AIRFIELD COMPLETELY
COVERED ON GOOD QUALITY PHOTOGRAPHY.

AIRCRAFT -- NONE OBSERVED.

[REDACTED] HOEMUN-NI AIRFIELD KN 4125N 12939E

NO APPARENT CHANGE IN FACILITIES SINCE MISSION

[REDACTED] RUNWAY IS SNOW COVERED.

AIRCRAFT -- AT LEAST 42 PROBABLE FAGOT/FRESCO.

HAZE AND POOR QUALITY PRECLUDE SEARCH FOR RADAR
AND COMMUNICATIONS FACILITIES. PUKCHANG-NI
AIRFIELD IS NOT COVERED ON PHOTOGRAPHY.

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OSINOVKA AIRFIELD UR 4401N 13213E

NO APPARENT CHANGE IN FACILITIES SINCE MISSION
RUNWAY IS CLEARED OF SNOW.
NO CONSTRUCTION, ASM, NUCLEAR STORAGE, OR SPECIAL
WEAPONS FACILITIES OBSERVED.

AIRCRAFT -- 10 PROBABLE FITTER, 52 PROBABLE
FRESCO, AND 2 PROBABLE FAGOT ON MAIN PARKING
APRON EAST OF RUNWAY.

BUKHTA SUKHODOL SEAPLANE STATION UR 4310N 13220E

APPROXIMATELY 70 PERCENT OF AREA IS CLOUD COVERED.

AIRCRAFT -- 7 PROBABLE MADGE AND 1 POSSIBLE MADGE.

MUKACHEVO AIRFIELD UR 4824N 02242E

NO APPARENT CHANGE IN FACILITIES OR AMM SUPPORT
FACILITY SINCE RUNWAYS
AND TAXIWAYS ARE CLEARED OF SNOW.

A GCA RADAR IS BETWEEN THE RUNWAY AND TAXIWAY AT
NORTH END OF FIELD.

AIRCRAFT -- 1 CRATE, 5 LIGHT STRAIGHT-WING,
1 PROBABLE FITTER, 2 PROBABLE FISHBED, 10 PROBABLE
FAGOT/FRESCO, AND 25 SMALL SWEEP-WING FIGHTERS.

TUNG-SHENG AIRFIELD CH 3949N 10959E

APPROXIMATELY 65 NM NORTH OF NAO-CHIU-KO.
2,000 X 210 FT NE/SW NATURAL SURFACE RUNWAY,
SERVICEABLE.
TWO SMALL BUILDINGS SERVE AS SUPPORT AREA/TERMINAL.
NO OTHER FACILITIES OBSERVED.

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AIRCRAFT -- NONE OBSERVED.

ROSTOV AIRFIELD EAST UR 4715N 03948E

EAST EDGE OF ROSTOV.

6,800 X 200 FT NE/SW, CONCRETE AND BLACKTOP RUNWAY, SERVICEABLE. A PARALLEL LOOP TAXIWAY, 1 CROSSOVER TAXIWAY, 3 PARKING APRONS, AND 8 HARDSTANDS ARE WEST OF THE RUNWAY.

SUPPORT FACILITIES INCLUDE 1 LARGE AND 1 SMALL HANGAR, 1 CONTROL BUILDING, 1 ADMINISTRATION BUILDING, 2 LARGE SHOP BUILDINGS, A BOILERHOUSE, AND APPROXIMATELY 60 ASSOCIATED BUILDINGS IMMEDIATELY WEST OF THE TAXIWAY. A SECURED POL STORAGE AREA CONTAINING 4 LARGE SEMI-BURIED TANKS, 24 HORIZONTAL TANKS AND 3 ASSOCIATED BUILDINGS IS IMMEDIATELY NORTH OF THE AIRFIELD. TWO HOUSING AREAS ARE PROBABLY ASSOCIATED WITH THE AIRFIELD, 1 IS IMMEDIATELY WEST OF THE SUPPORT FACILITIES AND CONTAINS 15 LARGE BUILDINGS, AND THE SECOND IS IMMEDIATELY NORTH OF THE SUPPORT FACILITIES AND CONTAINS 18 LARGE BUILDINGS.

AIRFIELD IS EQUIPPED WITH GCA AND A PROBABLE ILS.

AIRCRAFT -- 1 BEAGLE, 1 PROBABLE COOKPOT, 16 CAT/CUB, 2 CRATE, 1 PROBABLE CRATE, 3 CAB, 16 COLT, AND 14 SMALL UNIDENTIFIED STRAIGHT-WING.

**Nuclear
Energy**

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**Naval
Activity /
Ports**

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NAVAL ACTIVITY/PORTS

SANTIAGO DE CUBA NAVAL BASE AND PORT: CU 2001N 07550W

NO APPARENT CHANGE IN FACILITIES OR DEFENSES.

VESSELS -- 5 LARGE FREIGHTERS, 1 COASTAL FREIGHTER,
1 LARGE TANKER (AT SEA), 2 HULKS, AND NUMEROUS
BARGES AND SMALL CRAFT.

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**Biological/
Chemical
Warfare**

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**Electronics/
Communications**

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ELECTRONICS/COMMUNICATIONS

[REDACTED] GORKIY AD SECTOR HEADQUARTERS STRIGINO UR 5614N 04349E

NO RADAR, COMMUNICATIONS, OR OTHER ANTENNAS
OBSERVED TO INDICATE GORKIY/STRIGINO IS AN AIR
DEFENSE FACILITY.

[REDACTED] EMBA MISSILE TRACKING FACILITY UR 4836N 05809E

FACILITY COVERED ON GOOD QUALITY, CLEAR PHOTOGRAPHY
AND CONSISTS OF 6 RECTANGULAR EARTH-MOUNDED RADAR/
TELEMETRY ANTENNA POSITIONS IN AN E/W LINEAR
CONFIGURATION. EACH OF THE MOUNDS SUPPORTS RADAR/
TELEMETRY EQUIPMENT WITH THE 2 OUTSIDE MOUNDS BEING
HIGHER THAN THE 4 CENTER MOUNDS AND HAVING RELATIVELY
LARGER ANTENNAS. SPECIFIC ANTENNA TYPES CANNOT BE
DETERMINED. IN ADDITION TO THE 6 MOUNDS THERE ARE
3 BUILDINGS ARRANGED IN A LINE, THE 2 OUTER ONES
BEING SQUARE AND LARGER THAN THE CENTER BUILDING.
THE CENTER BUILDING HAS A RECTANGULAR STRUCTURE
ON ITS ROOF WHILE THE 2 OUTER BUILDINGS APPEAR
TO SUPPORT NO ANTENNAS OR OTHER STRUCTURES. THE
REMAINDER OF THE FACILITY CONSISTS OF 2 SMALL
BUILDINGS AND 5-6 SMALL UNIDENTIFIED OBJECTS.

ACTIVITY -- APPROXIMATELY 25 VEHICLES AND PROBABLE
MOBILE GENERATORS ARE IN THE AREA.

[REDACTED] APUKA TALL KING RADAR SEARCH UR 6027N 16935E

FIVE-NM RADIUS SEARCH AREA IS 75 PERCENT CLOUD
COVERED.

NO TALL KING RADARS OR ASSOCIATED EQUIPMENT
OBSERVED IN CLOUD-FREE AREAS.

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POKROVSK AIR WARNING RADAR SITE UR 6129N 12906E

NO ANTENNAS, RELATED EQUIPMENT, BUILDINGS, OR OTHER
EVIDENCE OF A RADAR SITE OBSERVED ON GOOD QUALITY
PHOTOGRAPHY.

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**Military
Activity**

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MILITARY ACTIVITY

[REDACTED] MUKACHEVO ARMY BARRACKS WSW UR 4826N 02242E

SW PART OF MUKACHEVO.

INSTALLATION CONTAINS 5 MULTISTORY BARRACKS, 2 MULTISTORY ADMINISTRATION BUILDINGS, 23 LARGE AND 9 SMALL STORAGE BUILDINGS, 8 QUARTERS, 9 VEHICLE SHEDS, AND 9 SUPPORT BUILDINGS.

APPROXIMATELY 130 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT OBSERVED. THE INSTALLATION APPEARS ACTIVE AND OCCUPIED.

[REDACTED] PERM ARMY BARRACKS SOUTH UR 5800N 05616E

IN CENTER OF PERM.

AREA CONTAINS 7 BARRACKS, 6 LARGE SUPPORT/STORAGE BUILDINGS, 1 ADMINISTRATION BUILDING, 6 SMALL SUPPORT BUILDINGS, A SECURED MOTOR POOL WITH 4 PROBABLE MAINTENANCE/VEHICLE SHEDS, AND AN UNDETERMINED NUMBER OF UNIDENTIFIED VEHICLES.

[REDACTED] MAN-CHOU-LI MILITARY INSTALLATION CH 4935N 11726E

6 NM SE AND SW OF MAN-CHOU-LI.

INACTIVE MILITARY TRAINING AREA CONTAINS EXTENSIVE TRENCHING AND TRACK ACTIVITY. NUMEROUS BUILDING FOUNDATIONS APPEAR THROUGHOUT AREA. NO TANKS, ARMORED EQUIPMENT, WEAPONS OR VEHICLES OBSERVED. COMPLETE AREA COVERED BY CLEAR PHOTOGRAPHY.

AREAS PREVIOUSLY REPORTED AS MILITARY APPEAR TO BE MODERN MULTISTORY APARTMENT-TYPE BUILDINGS IN MAN-CHOU-LI.

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[REDACTED] TA-TUNG ARMY BARRACKS NORTHWEST CH 4007N 11316E

NW EDGE OF TA-TUNG.

MILITARY COMPLEX CONTAINS APPROXIMATELY 250 BARRACKS, APPROXIMATELY 30 LARGE MULTISTORY ADMINISTRATION BUILDINGS, APPROXIMATELY 75 STORAGE/SUPPORT BUILDINGS, AN ARMOR STORAGE AND MAINTENANCE AREA, AN EXPLOSIVES STORAGE AREA, AND AN EXTENSIVE TRAINING AREA WITH 2 MOVING TARGET RANGES AND EXTENSIVE TRACK ACTIVITY.

APPROXIMATELY 50 PROBABLE CARGO TRUCKS AND 15 UNIDENTIFIED ITEMS OF EQUIPMENT OBSERVED.

[REDACTED] ALEKSANDROVSK-SAKHALINSKIY ARMY BKS DE UR - 5051N 14238E

NORTHERN EDGE OF TYMOVSKOYE.

SMALL MILITARY AREA CONTAINS 5 PROBABLE BARRACKS, 4 POSSIBLE ADMINISTRATION BUILDINGS, 5 POSSIBLY SECURED STORAGE BUILDINGS, AND APPROXIMATELY 15 STORAGE/SUPPORT BUILDINGS.

NO VEHICLES OBSERVED DUE TO HEAVY SNOW COVER AND HAZE. AREA APPEARS OCCUPIED.

[REDACTED] GORKIY ARMY BARRACKS SOUTHEAST UR 5617N 04359E

AREA CONTAINS APPROXIMATELY 60 MULTISTORY BARRACKS, 40 SMALLER QUARTERS-TYPE BUILDINGS, A MOTOR POOL, AN ATHLETIC FIELD, AND 30 STORAGE AND MISCELLANEOUS BUILDINGS. NO ARMOR OBSERVED. AREA IS OCCUPIED AND HAS LIGHT ACTIVITY.

TOP SECRET

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TOP SECRET

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GORKIY ARMY BARRACKS OKHA RIVER EAST UR 5618N 04358E

AREA CONTAINS 30 MULTISTORY BARRACKS, 4 MULTISTORY ADMINISTRATION/CLASSROOM BUILDINGS, AND 40 MISCELLANEOUS AND STORAGE BUILDINGS. BUILDING COUNT IS APPROXIMATE. NO ARMOR OBSERVED. AREA IS OCCUPIED AND HAS LIGHT ACTIVITY.

GORKIY HEADQUARTERS BKS AND SCH KREMLIN UR 5619N 04400E

AREA CONTAINS APPROXIMATELY 1 MULTISTORY ADMINISTRATION/SCHOOL BUILDING, 6 MULTISTORY BARRACKS-TYPE BUILDINGS, AND 6 MISCELLANEOUS STORAGE-TYPE BUILDINGS INSIDE AN OLD WALLED FORT. AREA APPEARS OCCUPIED.

NO ARMOR OBSERVED.

MUKACHEVO ARMY BARRACKS SOUTHWEST UR 4826N 02242E

IN SOUTH-CENTRAL PART OF MUKACHEVO.

INSTALLATION CONTAINS 7 MULTISTORY BARRACKS, 1 ADMINISTRATION BUILDING, 5 LARGE STORAGE BUILDINGS, 3 PROBABLE VEHICLE SHEDS, AND 7 SUPPORT BUILDINGS. NO VEHICLES/PIECES OF EQUIPMENT OBSERVED. THE INSTALLATION APPEARS OCCUPIED.

NERCHINSK ARMY BARRACKS UR 5159N 11636E

NE EDGE OF NERCHINSK.

SECURED BARRACKS/STORAGE AREA CONTAINS 23 LARGE PROBABLE STORAGE BUILDINGS, 8 SMALLER STORAGE BUILDINGS, 16 BARRACKS/ADMINISTRATION BUILDINGS, A PROBABLE VEHICLE MAINTENANCE AREA, A POSSIBLE SMALL-ARMS FIRING RANGE, AND AN ATHLETIC FIELD.

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A SMALL TRAINING AREA ADJACENT TO THE NE EDGE OF THE INSTALLATION CONTAINS 2 REVETTED STORAGE BUILDINGS AND EXTENSIVE TRENCHES AND WEAPONS EMPLACEMENTS.

VEHICLES -- 2 POSSIBLE CARGO TRUCKS. AREA APPEARS OCCUPIED.

NIKOPOL ARMY BARRACKS UR 4734N 03421E

NO TANKS OR MILITARY ACTIVITY OBSERVED IN IMMEDIATE AREA ON CLEAR, GOOD QUALITY PHOTOGRAPHY.

AREA APPEARS TO BE NON-MILITARY APARTMENTS.

NIZHNEUDINSK ARMY BARRACKS UR 5454N 09903E

NE EDGE OF NIZHNEUDINSK.

POSSIBLE SOVIET AIR FORCE TRAINING SCHOOL IN SEMI-SECURED AREA CONTAINS 7 PROBABLE BARRACKS, 1 U-SHAPED ADMINISTRATION BUILDING, APPROXIMATELY 25 POSSIBLE CLASSROOM BUILDINGS, 2 VEHICLE STORAGE SHEDS, APPROXIMATELY 20 STORAGE/SUPPORT BUILDINGS, AN ATHLETIC FIELD, AND 4 SMALL-ARMS FIRING RANGES. THE AREA APPEARS ACTIVE.

ACTIVITY -- 3 BEAGLE, 3 PROBABLE DELTA-WING FIGHTERS, AND 10 SWEEP-WING FIGHTERS IN A SMALL SECURED AREA ADJACENT TO THE POSSIBLE CLASSROOM BUILDINGS.

TOTSKOYE ARMY BARRACKS UR 5230N 05247E

1.5 NM SE OF TOTSKOYE.

TOP SECRET

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INSTALLATION CONTAINS 4 MULTISTORY BARRACKS, 3 ADMINISTRATION BUILDINGS, 18 STORAGE BUILDINGS, 19 QUARTERS, 6 VEHICLE/EQUIPMENT STORAGE BUILDINGS, AND 50 MISCELLANEOUS SUPPORT BUILDINGS.

APPROXIMATELY 110 VEHICLES/PIECES OF EQUIPMENT AND APPROXIMATELY 115 POSSIBLE PIECES OF EQUIPMENT OBSERVED.

A SMALL-ARMS FIRING RANGE IS PRESENTLY INACTIVE.

THE ENTIRE INSTALLATION APPEARS TO BE OCCUPIED.

KAMENSK-SHAKHTINSKIY ARMY BARRACKS SOUTH UR 4819N 04015E

AREA CONTAINS 17 MULTISTORY BARRACKS, 1 ADMINISTRATION BUILDING/BARRACKS, 1 STORAGE BUILDING, 16 SUPPORT BUILDINGS, AND 27 QUARTERS-TYPE BUILDINGS. AREA APPEARS OCCUPIED. NO ARMOR OBSERVED.

KRASNODAR ARMY BARRACKS SOUTH UR 4500N 03857E

AREA CONTAINS 2 MULTISTORY BARRACKS, 1 ADMINISTRATION BUILDING/BARRACKS, 8 STORAGE BUILDINGS, 9 MISCELLANEOUS BUILDINGS, A MOTOR POOL, AND AN ATHLETIC FIELD. AREA APPEARS ACTIVE. NO ARMOR OBSERVED.

KRASNODAR ARMY BARRACKS NORTH UR 4502N 03857E

AREA CONTAINS 7 MULTISTORY BARRACKS, 1 ADMINISTRATION BUILDING/BARRACKS, 17 STORAGE AND MISCELLANEOUS BUILDINGS, 14 UNIDENTIFIED VEHICLES, AN ATHLETIC FIELD, AND A MOTOR POOL. AREA APPEARS OCCUPIED AND ACTIVE. NO ARMOR OBSERVED.

TOP SECRET

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KRASNODAR ARMY BARRACKS TELMYANA UL UR 4500N 03857E

THIS INSTALLATION CANNOT BE CONFIRMED AS BEING
MILITARY ON GOOD QUALITY PHOTOGRAPHY.

MATROSOVO ARMY BARRACKS HOE UR 4932N 14251E

ARMY BARRACKS NOT OBSERVED AT THESE COORDINATES.

ROSTOV ARMY BARRACKS CENTRAL UR 4713N 03943E

AREA CONTAINS APPROXIMATELY 27 MULTISTORY
BARRACKS, 1 ADMINISTRATION BUILDING, 10 MISCELLANEOUS
AND 1 STORAGE BUILDING, AND A MOTOR POOL WITH
APPROXIMATELY 40 VEHICLES. AREA IS OCCUPIED.

SMIRNYKH BARRACKS AREA UR 4945N 14250E

SW EDGE OF SMIRNYKH.

INSTALLATION CONSISTING OF APPROXIMATELY 10
SCATTERED, SECURED AREAS ALONG THE SW EDGE OF
SMIRNYKH CONTAINS A TOTAL OF APPROXIMATELY 25
BARRACKS, NUMEROUS ADMINISTRATION, SUPPORT AND
STORAGE BUILDINGS, A PROBABLE EXPLOSIVES STORAGE
AREA WITH 7 REVETTED BUILDINGS, A POSSIBLE VEHICLE
STORAGE AND MAINTENANCE AREA, A SMALL-ARMS FIRING
RANGE, AND AN UNOCCUPIED SAM SITE. NO VEHICLES
OR PIECES OF EQUIPMENT OBSERVED. AREA APPEARS TO
BE ACTIVE.

TOP SECRET

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PERM ORDNANCE DEPOT UR 5759N 05615E

IMMEDIATELY SOUTH OF CENTER OF PERM.

SECURED AREA CONTAINS 54 BARRACKS, 1 PROBABLE ADMINISTRATION BUILDING, 10 LONG PROBABLE MAINTENANCE BUILDINGS/SHEDS, AND 3 OTHER SMALL SUPPORT BUILDINGS.

EQUIPMENT -- 7 POSSIBLE TANKS/SP GUNS AND AT LEAST 200 OTHER VEHICLES.

BEREGOVO TRAINING AREA UR 4813N 02242E

NO EQUIPMENT OR TRAINING FACILITIES OR EVIDENCE OF MILITARY ACTIVITY EAST OF BEREGOVO OBSERVED ON CLEAR, SNOW-COVERED PHOTOGRAPHY.

ZABAYKALSK MILITARY INSTALLATION UR 4938N 11719E

ON SW EDGE OF ZABAYKALSK.

SECURED MILITARY AREA CONTAINS 10 MULTISTORY/ MULTIWING PROBABLE BARRACKS, 7 PROBABLE ADMINISTRATION BUILDINGS, 12 PROBABLE STORAGE BUILDINGS, AND APPROXIMATELY 10 MISCELLANEOUS SUPPORT BUILDINGS. NO TANKS, ARMORED EQUIPMENT, WEAPONS, OR VEHICLES OBSERVED.

AREA COVERED BY GOOD QUALITY PHOTOGRAPHY.

PERM, MILITARY TRAINING AREA UR 5801N 05623E

4 NM EAST OF PERM.

INSTALLATION CONTAINS 5 MOVING TANK FIRING LANES, 1 MOVING TARGET RANGE, A PROBABLE VEHICLE PARKING

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AREA, AND 1 RANGE SUPPORT BUILDING. SNOW COVER
PRECLUDES IDENTIFICATION OF DRIVER-TRAINING AREA.

GORKIY MOTOR VEHICLE PLANT MOLOTOV 1 UR 5615N 04354E

APPROXIMATELY 150 PROBABLE VEHICLES ARE PARKED
IN AN AREA IMMEDIATELY NORTH OF THE PLANT. NO
PLANT EXPANSION OBSERVED SINCE

A POSSIBLE PROVING GROUND 1 NM NE OF THE PLANT
AREA CONSISTS OF A OVAL TRACK ENCLOSED BY A WALL.

TOP SECRET

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COMPLEXES

HA-ERH-PIN COMPLEX CH 4545N 12639E

COMPLEX CONSISTS OF APPROXIMATELY 12 MAJOR INDUSTRIES INCLUDING RAILROAD EQUIPMENT SHOPS, POWERPLANT, AND AN ELECTRICAL EQUIPMENT PLANT, SEVERAL SMALL FABRICATION INDUSTRIES, 1 HEAT PROCESSING INDUSTRY, AND 3 SMALL APPARENTLY MILITARY COMPOUNDS. INDUSTRIAL ACTIVITY APPEARS TO BE AT A HIGH LEVEL. TRANSPORTATION FACILITIES INCLUDE A COMPLEX RAIL NET, ROADS, AND A RIVER PORT.

THE ENTIRE COMPLEX IS COVERED ON GOOD QUALITY STEREO PHOTOGRAPHY.

PADANG COMPLEX ID 0058S 10022E

COMPLEX, APPROXIMATELY 6 NM IN AREA, INCLUDES PORT FACILITIES AND A POSSIBLE LIGHT FABRICATION INDUSTRY ON THE EAST SIDE OF TOWN. CLOUD COVER OBSCURES AIRFIELD APPROXIMATELY 4 NM NNW OF TOWN.

YAKUTSK COMPLEX UR 6203N 12943E

NO NEW FACILITIES OBSERVED. HEAVY SMOKE FROM LOCAL INDUSTRY OBSCURES NORTHERN PORTION OF CITY AND AIRFIELD. REMAINDER OF COMPLEX COVERED ON CLOUD-FREE STEREO COVERAGE.

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Attachments



NPIC J-7853 (1/65)

ROZHDESTVENKA MRBM LAUNCH SITE, USSR

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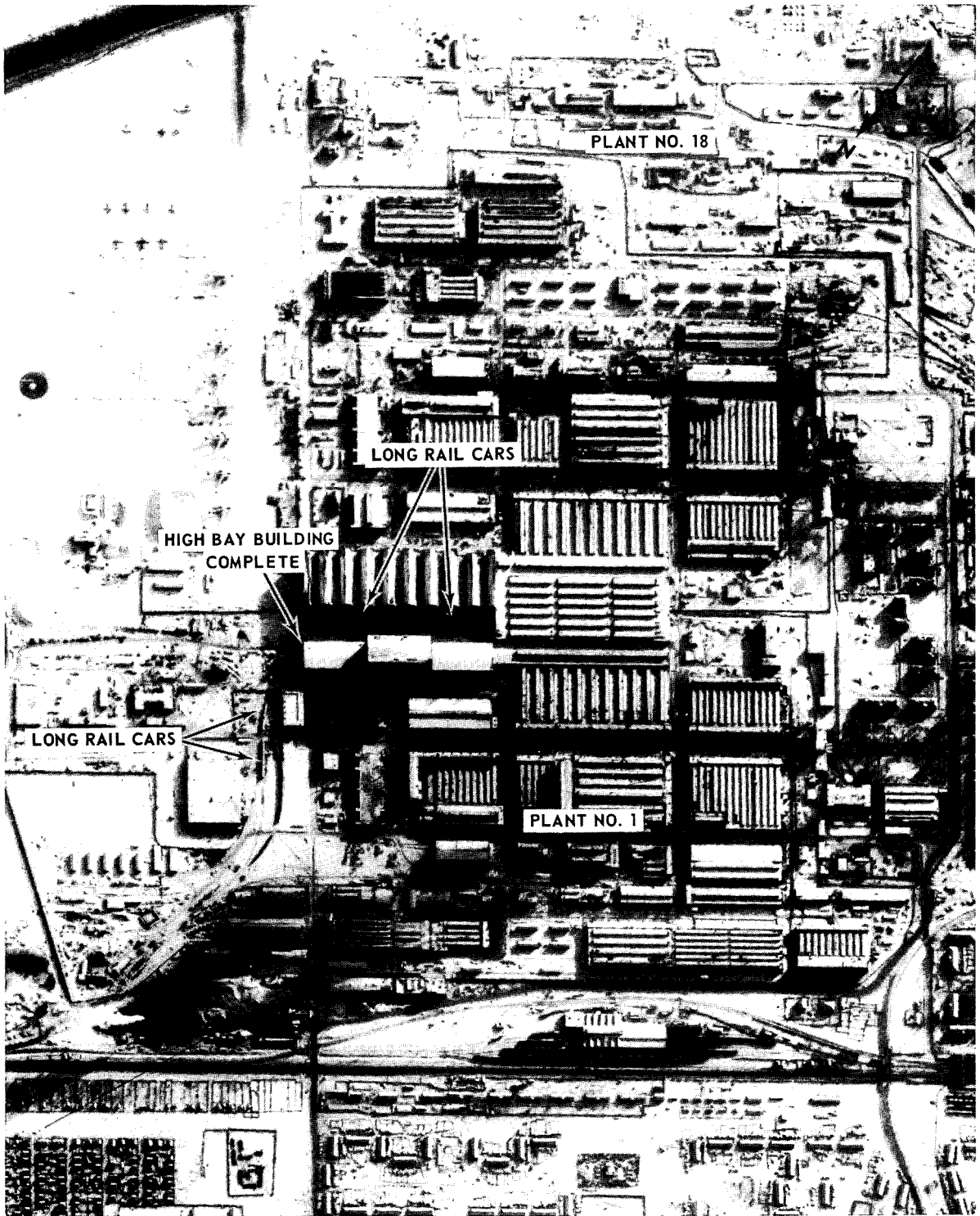
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ATTACHMENT 1

MISSION 4015, 24-27 JANUARY 1965

ATTACHMENT 2

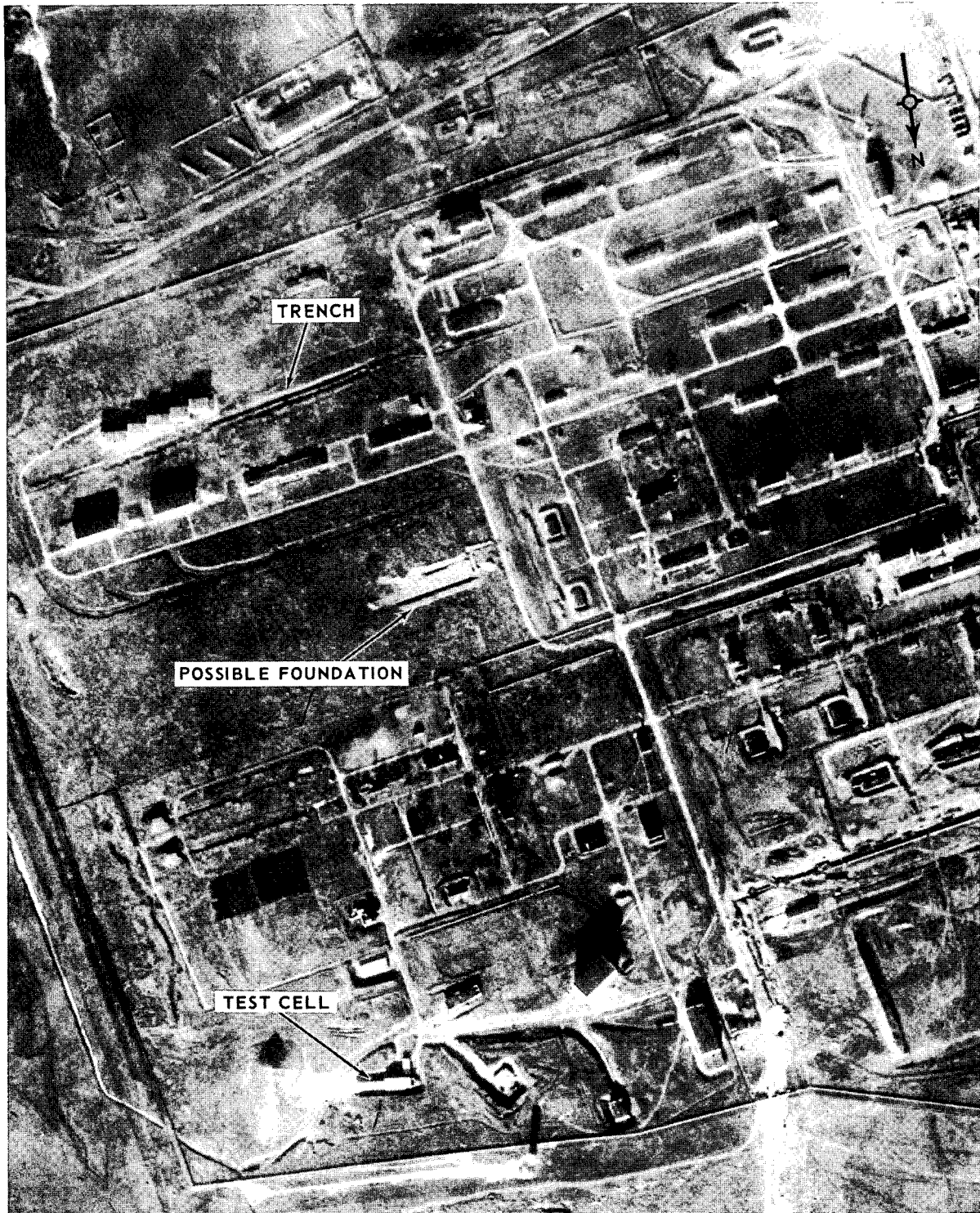


AIRFRAME PLANT STALIN 1, KUYBYSHEV, USSR

NPIC J-7354 (1/65)

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ATTACHMENT 3



STATIC TEST FACILITY, KAMENSK-SHAKHTINSKIY, USSR

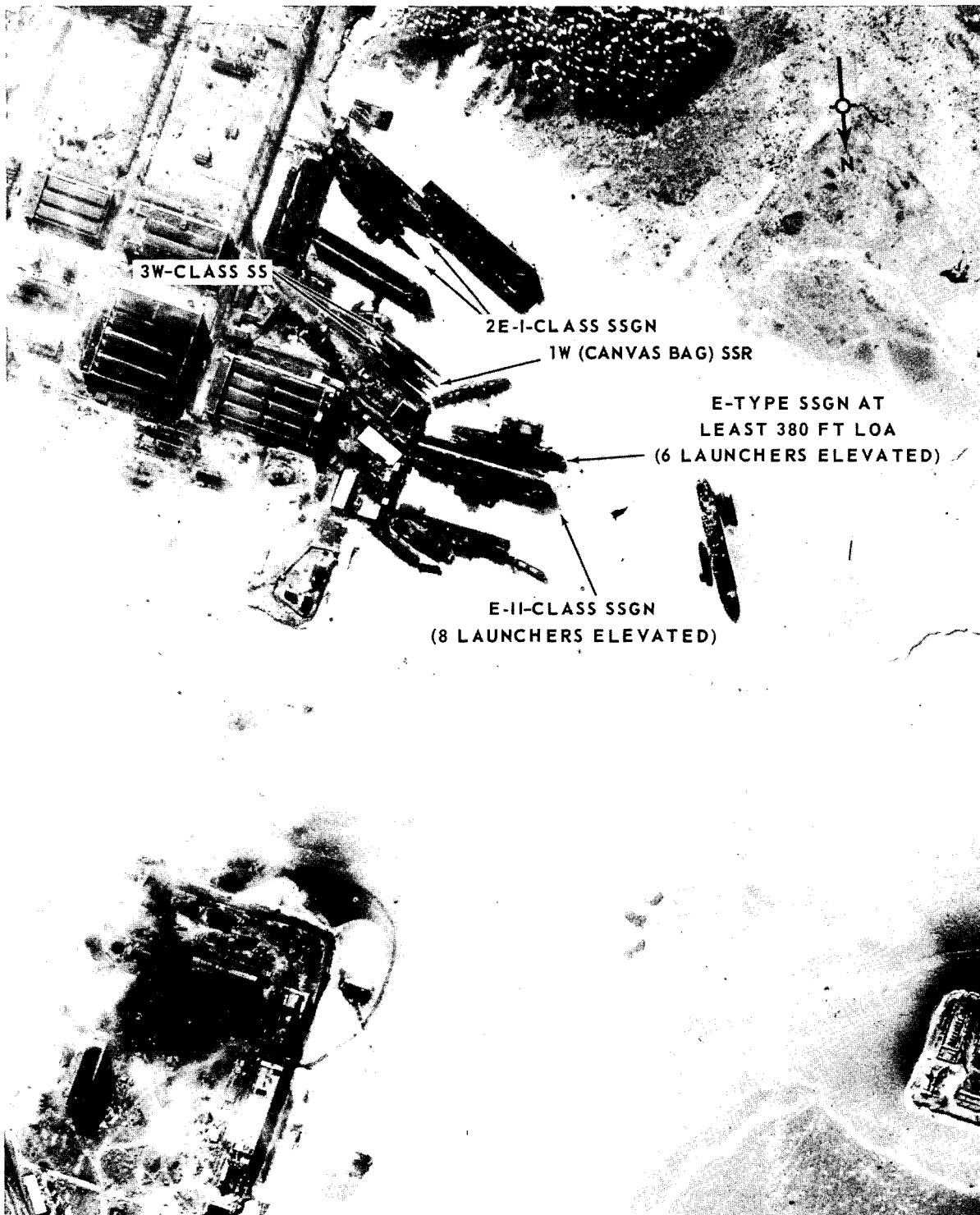
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ATTACHMENT 4



PETROVKA SHIPYARD, USSR

NPIC J-7356 (1/65)

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